



Certificate no: UC-ec29b3b0-e54b-4d83-b2b6-77aeafd79406
Certificate url: ude.my/UC-ec29b3b0-e54b-4d83-b2b6-77aeafd79406
Reference Number: 0004

CERTIFICATE OF COMPLETION

Apache Spark 3 - Spark Programming in Python for Beginners

Instructors **Prashant Kumar Pandey, Learning Journal**

Pramod Sable

Date **April 16, 2022**

Length **6.5 total hours**